A0 - Do not scale

General Notes

1. This drawing has been checked in accordance with Black & White Engineering (B&W) QA checking procedures.
2. Do not scale from this drawing. All dimensions indicated are in millimeters unless otherwise stated. Validate all measurements on site.
3. All plant and equipment dimensions are typical. The Contractor should show actual, approved plant and equipment sizes.
4. This drawing is to be read in conjunction with all relevant B&W MEP specifications, schedules and standard key to symbols sheet.
5. Any discrepancies between the drawings and other documents should be brought to the attention of the engineer.
6. This drawing is not an installation drawing. It is the Contractors responsibility to make final coordinated installation shop drawings.
7. Final ceiling coordination subject to interior design package.
8. Contractor to coordinate final distribution routes with available sleeves and openings in beams / structure.
9. The contents of this drawing shall be read in conjunction with the current revisions of other relevant Architectural, Structural, Mechanical and Electrical drawings and all relevant sections of the specifications.

2500 0 2500 5000 7500 10000

SCALE: 1:250

Key Plan

PART 3 PART 4 PART 2 PART 1 BY OTHERS

## Drawing Notes

1. Fuel, urea, and fuel dump line are in a pipe in pipe setup. Pipe sizes shown are secondary pipe diameter. Primary pipe diameter size is two size lower.
2. Pipework will be double skinned with vacuum leak detection and valves provided with drip trays and point leak detection.
3. Leak detection shall be provided to all storage vessels.

## Legends

- Fuel Fill Line Pipe (Double Skinned)
- Fuel Vent Pipe
- Urea Pipe (Double Skinned)
- Suction Pipe
- Overfill Pipe
- Fuel Polishing Return Pipe
- Fuel Polishing Supply Pipe
- Trace Heated Fuel Fill Line Pipe (Double Skinned)
- Trace Heated Urea Pipe (Double Skinned)
- Trace Heated Suction Pipe
- Trace Heated Overfill Pipe
- Access Zone
- Flow Direction Arrow
- FUFP Fuel and Urea Filling Cabinet
- FBT01 Under Ground Fuel Tank
- FBT02 Under Ground Fuel Tank (Admin)

## Abbreviation

| | |
|---|---|
| FA | Drop from Above |
| FB | Rise from Below |
| FA/TB | From Above to Below |
| FB/TA | From Below to Above |
| TA | Rise to Above |
| TB | Drop to Below |

## Mechanical Equipment Asset Nomenclature:

ZZZZZ-XXX-YYY

- Sequential Number (Starting from 001)
- Equipment Reference: i.e. ACU, GEN, SEF, VIU
- Site Code: i.e. MIL09

## Notes

1. Refer to Client "Asset Naming Convention" document for full details of "Asset Type" abbreviations.
2. Underground fuel storage to be installed within concrete chamber.
3. For refueling rest area refer to civil drawing MIL09-L22-SW-SW-DR-M-90204
4. The final fuel polishing connection points to be provided by the generator vendor based on the fuel polishing strategy.
5. Tentative size indicated for the fuel cabinet and the final size to be confirmed by the GC/Fuel vendor.
6. The color finish of the fuel cabinet has to be coordinated and approved by Architect.

Firmato digitalmente da:
ROBERTO CEREDA
Data: 30/03/2026 10:56:52

| Rev | Details | By / Chkd / App | Date |
|---|---|---|---|
| P02 | STAGE 4 - 100% ISSUE | EA / DG / JD | 13/03/2026 |
| P02.01 | STAGE 4 - 60% ISSUE | EA / DG / JD | 29/01/2026 |
| P01 | STAGE 3 - 100% ISSUE | AJ / ST / JD | 25/04/2025 |
| P01.01 | STAGE 3 - 60% ISSUE | AJ / ST / JD | 21/03/2025 |

## Drawing Development

This drawing has been developed from the following Design Information:

**Architectural:**
MIL09-L22-DC-XX-M3-A-00001.rvt
Received: 07/03/26
MIL09-L22-SW-XX-M3-A-00001
Received: 28/02/26

**Structural:**
MIL09-SPS-DC-XX-M3-S-00001.rvt
Received: 07/03/26

**Civil:**
MIL09-L22-SW-XX-M3-C-10001.rvt
Received: 07/03/26
MIL09-L22-SW-XX-M3-E-00001.rvt
Received: 07/03/26
MIL09-L22-SW-XX-M3-M-00001.rvt
Received: 07/03/26

**MEP:**
MIL09-BWE-DC-ZZ-M3-E-000001.rvt

Residual Risk Register

Item: No Residual Risk Identified.

In addition to the hazards / risks normally associated with the types of work detailed on this drawing note the following:

1. CONSTRUCTION
   **Local Building Regulations** shall be complied with in respect to inspection and commissioning
2. MAINTENANCE / CLEANING
   **Health** and **Safety** work place regulations shall be observed
3. DECOMMISSIONING / DEMOLITION
   **WEEE** and **ROHS** regulations shall be complied with N.B. It is assumed that all work will be carried out by a competent contractor working, where appropriate, to an approved method statement


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Project Title
MIL09

Drawing Title
Fuel Layout
Level 00
Overview

Project Status
STAGE 4

| Discipline | Status Code |
|---|---|
| MECHANICAL | S5 |

| Project Number | Scale @ A0 | Revision |
|---|---|---|
| P10508 | 1:250 | P02 |

Drawing Number
MIL09-BWE-DC-0G-DR-M-54201


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